

MOUNT RAINIER NATIONAL PARK

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Mount Rainier National Park. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

1. An inductive loop traffic counter is located across the eastbound lane of Paradise Road at the Nisqually entrance. The traffic count is reduced by the number of buses and nonreportable vehicles (600 per month). The reduced traffic counter is multiplied by the persons-per-vehicle (PPV) multiplier in Table 1.
2. An Inductive loop traffic counter is located across the southbound lane of Mather Memorial Parkway north of the White River entrance. The traffic count at White River is reduced by the number of buses and nonrecreation vehicles (Table 2). The reduced traffic counter is multiplied by the PPV multiplier in Table 1. In winter months the traffic counter is inoperative the park estimates the number of visitors to this area.
3. An inductive loop traffic counter is located across the westbound lane of Mather Memorial Parkway between Cayuse Pass and Chinook Pass. The traffic count at Cayuse Pass is reduced by the number of buses and nonrecreation vehicles (Table 2). The reduced traffic counter is multiplied by the PPV multiplier in Table 1.
4. An inductive loop traffic counter is located across the northbound lane of Washington State Route 123 near the Ohanapecosh Ranger Station, but south of the entrance to Ohanapecosh Campground. The traffic count at Ohanapecosh is reduced by the number of buses, nonrecreation vehicles (Table 2), and nonreportable vehicles (57). The reduced traffic counter is multiplied by the PPV multiplier in Table 1.
5. An inductive loop counter is placed across the Carbon River entrance road. The traffic count is multiplied by the PPV multiplier in Table 1. In winter months the traffic counter is inoperative the park estimates the number of visitors to this area.
6. A photo electric eye counter is placed across the Mowich Lake entrance road (summer use only). The traffic count is multiplied by the PPV multiplier in Table 1.
7. The number of bus passengers at Nisqually, White River, and Stevens Canyon entrances when the entrance stations are staffed.

January 15, 1996

Table 1
Persons-Per-Vehicle Multiplier by Season

Season	Multiplier
September through May	2.8
June through August	3.0

Table 2
Nonrecreation and Recreation Vehicle Percentages by Season and Location

Location	Season	Percentage of Nonrecreation Vehicles	Percentage of Recreation Vehicles
Cayuse Pass (Hwy 410 west) and White River (Hwy 410 east)	December through March	0%	0%
	April through May	70%	30%
	June through August	50%	50%
	September through November	70%	30%
Ohanapecosh (Hwy123 North)	December through March	10%	90%
	April through May	70%	30%
	June through August	50%	50%
	September through November	70%	30%

Nonrecreation Visits

1. The traffic count at White River is reduced by the number of buses and recreation vehicles (Table 2). The reduced traffic counter is multiplied by the PPV multiplier in Table 1.
2. The traffic count at Cayuse Pass is reduced by the number of buses and recreation vehicles (Table 2). The reduced traffic counter is multiplied by the PPV multiplier in Table 1.
3. The traffic count at Ohanapecosh is reduced by the number of buses (Stevens Canyon), recreation vehicles (Table 2), and nonreportable vehicles (57 per month). The reduced traffic counter is multiplied by the PPV multiplier in Table 1.

Recreation Visitor Hours

The total number of recreation visits is multiplied by five (5.0) hours in September through May and twenty (20.00) hours in June through August.

Nonrecreation Visitor Hours

The total number of nonrecreation visits is multiplied by (1.0 hour).

Overnight Stays

Concessioner Lodging - Paradise Inn and National Park Inn

The number of visitors staying overnight as reported by the concessioner.

NPS Campgrounds - Sunshine Point, Cougar Rock, Ipsut Creek, Ohanapecosh and White River campgrounds.

The number of sites occupied by tent and RV campers is multiplied by the PPV multiplier in Table 1.

NPS Backcountry - Miscellaneous Sites

The number of overnight stays by backcountry campers, as recorded in the Backcountry Permit System database.

NPS Miscellaneous - Carbon River and Cougar Rock

The number of nights stayed by group campers.

Special Use Data

Line a.	Visitors to White River
Line b.	Visitors to Nisqually
Line c.	Visitors to Ohanapecosh
Line d.	Visitors to Carbon River
Line e.	Visitors to Paradise
Line f.	Visitors by bus
Line n.	The number of buses